

**DEPARTMENT OF FORESTRY AND FIRE PROTECTION
OFFICE OF THE STATE FIRE MARSHAL**

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**CALIFORNIA CODE ADOPTION
Meeting Notes
Special Occupancies Workgroup
November 2, 2005, 8:00 a.m.
Orange County Fire Authority**

<p><u>ATTENDEES:</u></p> <p>Facilitators: Sia Poursabahian, LADBS Randy Metz, OCFA</p> <p>Committee or Group Members Present: Daniel Bak, MD Fire Safety Nancy Johnson, SMFD Vahid Tossi, OCFA Frank Comfort, LAFD Mike Carter, Won-Door Corp. Rick Thornberry, The Code Consortium, Inc. Steve Ikkanda, LADBS Jim Nishimoto, City of Irvine Kelly Eisenstein, RJA Ann Chavez, RJA Ali Fattah, City of San Diego</p> <p>CDF/SFM Staff Present: None</p>	<p><u>STAKEHOLDERS IN AUDIENCE:</u> None</p>
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DOCUMENT HANDOUTS:

1. Copy of suggested amendments to IBC section 403 (Sia Poursabahian)
2. Initial Statement of Reasons-form and instructions; Express Terms Format and Guidelines; Nine-Point Criteria guidelines.
3. 2006 IBC Amendment Proposals (Rick Thornberry)

AGENDA:

1. Review and finalize code proposed amendments to the IBC.
2. Discuss proposed amendments by Air Movement and Control Association.
3. Review Chapter 4A, Division II, OSFM.
4. Schedule next meeting time and date.

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DISCUSSION/COMMENTS:

- Sia Poursabahian an overview of the tasks still needed to complete by the group, with comparisons between the CBC and IBC. Assignments will be given to group members to begin the justification process based on the 9-pt. Criteria.
- Steve Ikkanda explained to the group the "Initial Statement of Reasons". For each code section amendment, we need an Initial Statement of Reasons form filled out. Steve passed out an example of the Initial Statement of Reasons that his working group used to make it easier for us to get started.
- Sia Poursabahian then explained to the newcomers, that at the last meeting, we compared the sections covering covered malls, stages and platforms and high rise buildings. He again asked people for their comments on any of the changes that were discussed at the first meeting.
- Mike Carter asked Sia if the group was also responsible for changes that are reflected in other areas of the code. Sia explained that due to the time restrictions getting through all the material, we must stay on track by reviewing and amending only those sections given to our group.

Old Business:

- Rick Thornberry asked for clarification regarding pages #3 and #4 of the amended sections. This referring to CBC 403.2.2 (1) Rick recommended inserting the section from CBC 403.2.2(1) into 403.3.1 as a substitute for the text of the IBC that was deleted as shown on pages 3 and 4 of the proposed amendments to Section 403 High-Rise Buildings. He also pointed out that the phrase "one-hour-fire-resistive construction" in Section 403.9(1) of the amendment should be changed to "smoke barrier" and then the last sentence could be deleted since it would be covered by Section 709 Smoke Barriers of the IBC since Section 709.5 specifically addresses protection of openings. This would make the text more consistent with the terminology used in the IBC.
- Ali Fattah questioned the need to reinvent the requirements for elevator lobbies. Discussion ensued about the fact that the IBC has removed the requirements for elevator lobbies in high rise buildings. Rick Thornberry pointed out that the IBC, in fact, had not deleted the elevator lobby requirements for high rise buildings. In fact, the elevator lobby requirement was expanded to include all floors in buildings more than 4 stories in height even if they did not have a one hour corridor based on the actions taken at the ICC Final Action hearings in Detroit. However, the exceptions were expanded to allow for elevator shaft pressurization in lieu of the lobby. Rick then handed out his compilation of how Section 707.14.1 will read in the 2006 IBC.
- The group decided to reference IBC sec. 707.14.1 and add a new sentence to the end of Exception 6 (elevator shaft pressurization) to read: This exception shall not apply to high-rise buildings. We also decided to revise the Exception to Section 1016.5 Corridor Continuity to include "elevator lobbies". Ali reminded the group that pressurization is only an alternative and not a requirement. Daniel Bak suggested to word it as an alternative means and methods.
Ali reminded the group that to remove a code section, they must use the 9-point criteria. The group concluded to add the reference to 707.14.1; this will leave out details under 403.9, exc. 1. Randy Metz suggested that we leave the code section 403.9 as is because it already refers to Ch. 30 and Ch. 30 then refers back to sec. 707.
- In discussing section 403.9, the group consensus was to :
 - Strike out 403.9 Item1
 - Strike out 403.9 Item1, exc. 1
 - Strike out 403.9 Item1, exc. 2
 - Strike out 403.9, exc. 3 (revise Section 1016.5 as noted above)
 - Strike out or keep 403.9 Item2 depending on if ASME STDs. For elevators has it and is recognized by the code.
 - Strike out 403.9, Item 3

- Discussion on comments for proposed changes to the covered malls section:
 - Rick Thornberry had a concern with the new definition of anchor buildings. At the first meeting, this issue was not found to be relevant, so the consensus of the group was to leave the definition the way it is in IBC.
 - Discussion on sec. 402.6-Type of Construction regarding height and area needs to stay with Ch. 5. The consensus was that there is no change.
 - Discussion on sec. 401.1 – no change.
 - Discussion on 716.5.2 ensued about whether we need fire and smoke dampers came up. There was concern that smoke would not be adequately controlled by the sprinkler system, but if the sprinkler system did activate, then it would be very unlikely that the fire damper would activate, so there would still be a large opening in the fire barriers where ducts passed through it unless a smoke damper was provided. It was also noted that vertical exit enclosures and exit passageways and horizontal exits would fall under this Section. The group decided to refer this to SFM for clarification because it involves other occupancy groups.
- Summary
 - the group addressed elevator lobby protection and covered all of Rick Thornberry's questions in his handout.
 - Ali has comments and changes:
 - delete 403.1#2.2.7 and 2.2.8 because it was already covered in the code.
 - 403.1.1 –why is this language still in being that it is over 30 years old. The group explained to him that because it was statutory (13210), we could not change it.
 - Corrections in the text: for Section 403.2, Items 2 and 3: change 404.4 to 904.4 (all) and for Section 403.2, Item 3: change 903.1.1.1 to 903.3.1.1.1
 - For Section 403.2, Item 1 on page 3, strike the words “shutoff valve and sprinkler riser may be combined...”
 - Strike out the second paragraph [SFM] of Item 1 on page 3.
 - 403.12 –the language was questioned, but the group explained that this was right out of the CBC.
 - Change references to Seismic Zones 2, 3, and 4 to read Seismic Design Categories C, D, E, and F throughout.
 - In Sections 403.29.1 on page 14 add Division 2 (R-2).
- Sia reviewed Ch. 4A, Div. II:
 - CBC 410A is now covered by IBC, sec. 415.7.4, so no change is needed.
 - CBC 411A is now covered under IBC 408 –It is an I group occupancy, so it will be given to the I group to review.
 - CBC 412A is now covered under IBC 414 and IFC Chapter 33.
 - CBC 413A – the IBC does not cover this section on combustion engines, so it needs to be transferred from the CBC to the IBC and adopted.
 - Amend the IFC to adopt NFPA 37 with the updated year of the code.
 - CBC 414A- Fixed Guideway Transit Systems –there is a special group looking into this already.

ACTION ITEMS (FOLLOW UP) AND RESPONSIBLES:

1. IBC 716.5.2 - Rick Thornberry will prepare a justification for review by the SFM on why this is important to amend.
2. Sia will do the Express terms for the High Rise section
3. The group will be given assignments for amending the various code sections.
4. Rick Thornberry will compare the requirements in IFC with those in the IBC for 412A, if they are the same, then no amendment is needed.

5. Sia Porsabahian and Randy Metz will be working up a comparison matrix and will hand out assignments along with timelines for completing all work to each member of the group. Another meeting will be held to review all the completed assignments.

NEXT MEETING:

To be Determined.